

Title (en)

Method and apparatus for correcting trapezoidal image distortion in a display projection system by modifying image signals

Title (de)

Verfahren und Vorrichtung zur Korrektur einer trapezförmigen Bildverzeichnung in einem Display-Projektionssystem durch Modifikation der Bildsignale

Title (fr)

Méthode et appareil pour corriger la déformation trapézoïdale d'image dans un système de projection en modifiant les signaux d'image

Publication

**EP 0756425 A2 19970129 (EN)**

Application

**EP 96305429 A 19960724**

Priority

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Abstract (en)

An apparatus and method for correcting keystone aberration (trapezoidal distortion) of images projected on to screen (20) by a projection system (10), e.g. a liquid crystal (LCD) projector, when the projection screen (20) is not perpendicular to the optical axis (30) of the projection lens (11). The apparatus includes means (100) for inputting angular values indicating the inclination of the lens optical axis with respect to the screen plane, means (500) for storing digital signals representing the image to be projected and means (600) for converting the stored digital signals such that the image displayed on the liquid crystal display has a trapezoidal distortion compensating for the distortion caused by the inclination of the screen with respect to the projection lens.

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CPC (source: EP KR US)

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Citation (applicant)

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- US 5283602 A 19940201 - KWON SOON H [KR]

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